

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

In th Specification

The paragraph beginning at line 10 on page 1 has been amended as follows:

Generally known telescopic ~~system~~ systems serve for the observation of objects by an observer. Telescopic systems which are able to record a viewed image through ~~a~~ the telescopic system have been known for some time.

The paragraph beginning at line 3 on page 2 has been amended as follows:

If pictures can be stored internally, much electronics must be contained in the binoculars (~~select readout image sensor, work on data, data compress data processing and compression; batteries; memory unit~~). That makes the binoculars also heavy and voluminous. Furthermore, special storage units have to be present for holding the data.

The paragraph beginning at line 23 on page 2 has been amended as follows:

Accordingly, it is an object of the invention to provide a telescopic system with an imaging function which solve the disadvantages of the prior art, in particular enable a digital recording of an image seen through the telescopic system by means of the coupling out of an optical signal and enable the recorded image to be viewed near that time, the intention being to achieve a low weight for the telescopic system.

The paragraph beginning at line 32 on page 2 has been amended as follows:

This object is achieved according to the invention by means of a telescopic system with imaging function, comprising:

at least one tube comprising a beam path through an objective and an eyepiece;

a device for coupling out a partial light beam;

a module with an image sensor for converting images into digital data, which is fitted to a housing of the tube which contains the device for coupling out the partial light beam in such a way that it is possible to couple out an optical signal on the image sensor;

a completely autonomous digital camera with an interface for an additional external image sensor.

The paragraph beginning at line 9 on page 3 has been amended as follows:

The telescopic system, in addition to comprising the customary optical components such as objective, eyepiece and prism system for image erecting, likewise ~~comprise~~ comprises a device for coupling out a partial light beam, the device advantageously being able to be formed as a beam splitter cube or as a splitter mirror. A partial light beam is coupled out according to the coupling-out method described in JP 11064740, the coupling-out device being arranged between the objective and the eyepiece. The partial light beam coupled out in

the beam splitter cube impinges on the image sensor of the module. The module then converts the images into digital data, the data advantageously being transmitted via a cable into the digital camera.

The paragraph beginning at line 24 on page 3 has been amended as follows:

The essential advantage of the embodiment of these telescopic system systems is that a conventional digital camera which corresponds to the prior art and has an interface for a second image sensor can be used for the recording, reviewing and handling of images. The digital camera is an independent camera which can carry out recordings of an image even without a connection to the telescopic system. The relatively low additional weight of the module on the telescopic system means that it is possible to realize light and compact telescopic system systems.

The paragraph beginning at line 10 on page 4 has been amended as follows:

In the present embodiment, the telescopic system 1 is represented in binocular execution. A monocular execution of the telescopic system would be just as possible, for example, spotting scopes, rifle scopes, and similar systems.

The paragraph beginning at line 15 on page 4 has been amended as follows:

The telescopic system 1 comprises in each case two optical systems, each system comprising an objective 3, an eyepiece 4, a prism system for image erecting, which is not illustrated, ~~and~~ One of the systems includes a device 5 for coupling out a partial light beam. The partial light beam can be coupled out according to the method described in JP 11064740 or in US 5,963,369. A module 6 with an image sensor (not illustrated) is fitted to an outer side of the ~~teles~~copic telescopic system 1. The module 6 is furthermore provided with a release button 7a. The module 6 is connected to the digital camera 2 via a cable 8. A release button 7b is likewise situated on the digital camera 2.

The paragraph beginning at line 16 on page 5 has been amended as follows:

Since the module 6 is fixed in a relatively small and compact fashion on the housing of the telescopic system 1, the telescopic system ~~remain~~ remains light and compact.